

State Geological Survey

WICHITA BRANCH KANSAS DRILLERS LOG

API No. 15 — 083 — 20,585
County Number

Operator
Sidwell Oil & Gas, Inc.

Address
P. O. Box 2475 Pampa, Texas 79065

Well No. #2 Lease Name Querbach

Footage Location
660' feet from (S) line 660' feet from (W) line

Principal Contractor DNB Drilling, Inc. Geologist Ken Johnson

Spud Date 4-3-78 Total Depth 4457 P.B.T.D. 4450'

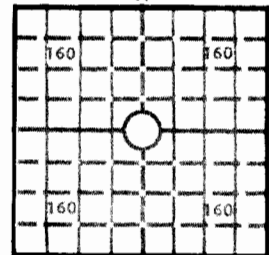
Date Completed 5-25-78 Oil Purchaser Hurricane / BIG HEART PIPE LINE CO.

S. 10 T. 23 R. 22 W

Loc. C SW NW

County Hodgeman

640 Acres
N



Locate well correctly

Elev.: Gr. 2204

DF KB 2209'

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/4"	8 5/8"	20#	371'	common	225	2% gel, 3% cc
production		4 1/2"		4452	60/40 poz Howc@ lite	100 325	10% salt 10# Gilsonite/sx

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD

Size	Setting depth	Packer set at			
2 3/8	4453				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

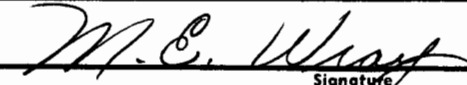
INITIAL PRODUCTION

Date of first production 6-7-78		Producing method (flowing, pumping, gas lift, etc.) Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil 180 bbls.	Gas 0 MCF	Water 6 bbls.	Gas-oil ratio -0-	CFPB
Disposition of gas (vented, used on lease or sold) VENTED			Producing interval (s) 4446 - 4459 open hole		

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Drator
Sidwell Oil & Gas, Inc.

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:
011

Well No. 2	Lease Name Querbach			
S 10 T 23S R 22W E W Hodgeman County, Kansas				
WELL LOG Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.		
FORMATION DESCRIPTION, CONTENTS, ETC.		TOP	BOTTOM	NAME
LOG TOPS:				
Anhydrite		1320	+889	
Heebner		3770	-1561	
Lansing		3840	-1631	
BKC		4203	-1994	
Marmaton		4212	-2003	
Ft. Scott		4362	-2153	
Cherokee		4387	-2178	
Miss. Warsaw		4431	-2222	
Miss. Osage		4446	-2237	
LTD		4457'		
DTD		4457'		
DST #1 (4186' - 4242') Marmaton 30min, 45 min., 60 min., 45 min. weak blow thru out - recovered 30' thin mud, 60' water. IFP 43 - 43# ISIP 1417# FFP 64 - 75# FSIP 1364#				
DST #2 (4446' - 4457') 30 - 60; 90 - 60; strong blow - recovered 3010' of oil - 120' oily mud and water - oil gravity 31 - IFP 75 - 408# ISIP 1407# FFP 580 - 1132# FSIP 1407# Temperature 131 degrees				
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				
Date Received	 Signature M.E. WRAY - Field Superintendent Title 6-12-78 Date			

DRILLERS' LOG

SIDWELL OIL AND GAS, INC.
No. 2 Querbach
C SE NW Sec. 10-23S-22W
Hodgeman Co., Kansas

Commenced: 4-3-78
Completed: 4-12-78

Surface Casing: 363' of 8-5/8" cmtd
w/225 sx common, 2% gel, 3% cc
4-3-78

FORMATION

DEPTH

Surface Hole	0 - 371
Shale	371 - 695
Blaine Anhydrite	695 - 710
Shale & Sand	710 - 975
Shale & Red Bed	975 - 1321
Anhydrite	1321 - 1358
Shale	1358 - 1520
Sand, Shale & Lime	1520 - 1795
Shale & Lime	1795 - 2125
Lime & Shale	2125 - 2320
Shale & Lime	2320 - 2540
Lime & Shale	2540 - 2940
Shale & Lime	2940 - 3140
Lime & Shale	3140 - 3545
Shale & Lime	3545 - 3910
Lime	3910 - 4457 RTD

I do hereby certify that the foregoing statements are true and correct to the best of my knowledge and belief.

D N B DRILLING, INC.

Ella Priess
Ella Priess

STATE OF KANSAS: ss:

Subscribed and sworn to before me this 17th day of April, 1978.

Dorothy L. Schmidt
Dorothy L. Schmidt, Notary Public

